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(54) Title: METHODS AND SYSTEMS FOR MOVING DATA OBJECTS USING LOCKS

Table 1

Field A	Field B	Field C	...	Field X
A	B			
B	B			C
B	C			
C	F			
...

Persistent Lock Object

ID 1	Archive
AB	001
BB	002
BC	002
CF	003
...	...

Table 2

Field A	Field B	Field C	...	Field Y
E	L			
F	K			
B	H	A		To Table 1
C	F			
...

Transactional Lock Object

ID 2
AB
BC
CF
...

(57) Abstract: The invention relates to a process for moving data objects in a computer system from a first to a second storage location, comprising: a) selecting one or more data objects from the first storage location, b) assigning at least one identifier (ID) of at least one type to each of the selected data objects, c) storing said at least one ID in a lock object, d) storing a data object, the at least one ID of which is contained in the lock object, at the second storage location and assigning the second storage location to the at least one ID in the lock object, e) deleting a data object, the at least one ID of which is contained in the lock object, from said first storage location, f) deleting an at least one ID from the lock object earliest at a time at which step e) for the respective data object assigned to that at least one ID has been completed.

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	STEFANI H.: "Datenarchivierung mit SAP" May 2002 (2002-05), SAP PRESS, GALILEO PRESS, BONN, XP002266517 ISBN: 3-89842-212-7 cited in the application page 35 - page 40 page 57 page 63 - page 75 page 84 - page 85 page 211 - page 212	1-17
A	US 5 566 319 A (LENZ NORBERT) 15 October 1996 (1996-10-15) column 1, line 66 - column 2, line 23 ----- -/-	1-17



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- "&" document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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